IN THE CLAIMS

The current claims follow. For claims not marked as amended in this response, any difference in the claims below and the previous state of the claims is unintentional and in the nature of a typographical error.

1. (Currently Amended) A mobile station capable of communicating with a plurality of base stations in a wireless network and receiving at least one of a software program, a software correction patch and provisioning data from a server associated with said wireless network, said mobile station comprising:

an RF transceiver capable of receiving wireless messages from said plurality of base stations and converting said received wireless messages to a plurality of Internet protocol (IP) packets;

an encryption controller capable of converting said IP packets from an encrypted format to a decrypted format according to at least one of:

IP Sec tunneling protocol;

Secure Shell (SSH) tunneling protocol;

Secure Sockets Layer/Transport Layer Security (SSL/TLS); and

point-to-point tunneling protocol (PPTP); and

a data burst message protocol controller capable of converting said decrypted IP packets to at least one data burst message.

2. (Cancelled)

3. (Previously Presented) The mobile station as set forth in Claim 1 wherein each of said IP packets comprise IP layer information and an IP packet payload.

4. (Previously Presented) The mobile station as set forth in Claim 3 wherein said IP packet payload comprises transmission control protocol (TCP) layer information.

5. (Original) The mobile station as set forth in Claim 4 wherein said IP packet payload comprises an over-the-air service provisioning payload associated with said at least one data burst message.

6. (Previously Presented) The mobile station as set forth in Claim 1 wherein each of said IP packets comprises IP layer information, transmission control protocol (TCP) layer information and a IP packet payload.

7. (Previously Presented) The mobile station as set forth in Claim 6 wherein said IP packet payload comprises an over-the-air service provisioning payload associated with said at least one data burst message.

8. (Original) The mobile station as set forth in Claim 1 wherein said data burst message

protocol controller is capable of converting said decrypted IP packets to said at least one data burst message according to at least one of: 1) an IS-683-A protocol; 2) a short messaging service (SMS) protocol; and 3) extensible mark-up language (XML) protocol.

9. (Currently Amended) A system for secure over-the-air administration of a wireless mobile station via a base station in a wireless network, said system capable of transmitting to said wireless mobile station at least one of a software program, a software correction patch and provisioning data from a server associated with said wireless network, said system comprising:

a data burst message protocol controller capable of receiving and converting said at least one of a software program, a software correction patch and provisioning data into at least one data burst message;

an encryption controller capable of converting said at least one data burst message into a plurality of encrypted IP packets according to at least one of:

IP Sec tunneling protocol;

Secure Shell (SSH) tunneling protocol;

Secure Sockets Layer/Transport Layer Security (SSL/TLS); and

point-to-point tunneling protocol (PPTP); and

an RF transceiver capable of converting said encrypted IP packets into at least one wireless message and transmitting said at least one wireless message to said wireless mobile station.

10. (Cancelled).

11. (Previously Presented) The system as set forth in Claim 9 wherein each of said IP packets comprises IP layer information and a IP packet payload.

12. (Previously Presented) The system as set forth in Claim 11 wherein said IP packet payload comprises transmission control protocol (TCP) layer information.

13. (Original) The system as set forth in Claim 12 wherein said IP packet payload comprises an over-the-air service provisioning payload associated with said at least one data burst message.

14. (Previously Presented) The system as set forth in Claim 9 wherein each of said IP packets comprises IP layer information, transmission control protocol (TCP) layer information and a IP packet payload.

15. (Original) The system as set forth in Claim 14 wherein the IP packet payload comprises an over-the-air service provisioning payload associated with said at least one data burst message.

16. (Original) The system as set forth in Claim 9 wherein said data burst message protocol controller is capable of converting said at least one of a software program, a software correction patch and provisioning data to said at least one data burst message according to at least one of: 1) an IS-683-A protocol; 2) a short messaging service (SMS) protocol; and 3) extensible mark-up language (XML) protocol.

17. (Currently Amended) For use in a wireless network, a method for securely transmitting to a wireless mobile station at least one of a software program, a software correction patch and provisioning data from a server associated with the wireless network, the method comprising the steps of:

receiving and converting the at least one of a software program, a software correction patch and provisioning data into at least one data burst message;

converting the at least one data burst message into a plurality of encrypted IP packets;

converting the encrypted IP packets into at least one wireless message according to at least one of:

IP Sec tunneling protocol;

Secure Shell (SSH) tunneling protocol;

Secure Sockets Layer/Transport Layer Security (SSL/TLS); and

point-to-point tunneling protocol (PPTP); and

transmitting the at least one wireless message to the wireless mobile station.

18. (Cancelled).

19. (Previously Presented) The method as set forth in Claim 17 wherein each of the IP packets comprises IP layer information and a IP packet payload.

20. (Previously Presented) The method as set forth in Claim 19 wherein the IP packet payload comprises transmission control protocol (TCP) layer information.

21. (Original) The method as set forth in Claim 20 wherein the IP packet payload comprises an over-the-air service provisioning payload associated with the at least one data burst message.

22. (Previously Presented) The method as set forth in Claim 17 wherein each of the IP packets comprises IP layer information, transmission control protocol (TCP) layer information and a IP packet payload.

23. (Original) The method as set forth in Claim 22 wherein the IP packet payload comprises an over-the-air service provisioning payload associated with the at least one data burst message.

24. (Original) The method as set forth in Claim 17 wherein the steps of receiving and converting the at least one of a software program, a software correction patch and provisioning data into at least one data burst message comprises the sub-sep of converting the at least one of a software program, a software correction patch and provisioning data into at least one data burst message according to at least one of: 1) an IS-683-A protocol; 2) a short messaging service (SMS) protocol; and 3) extensible mark-up language (XML) protocol.